Yee &
Associates, P.C.

4100 Alpha Road
Suite 1100
Dallas, Texas 75244

Main No. (972) 385-8777
Facsimile (972) 385-7766

FACSIMILE COVER SHEET

To: Commissioner for Patents for **Examiner Kimbleann C. Verdi** **Group Art Unit 2194**	Facsimile No. **571/270-2654**
From: Courtney Carter Legal Assistant to Houda El-Jarrah	No. of Pages Including Cover Sheet: 6

Enclosed herewith:

* Amendment

Re: Application Serial No. 10/765,776
Attorney Docket No. CA920030062US1

Date: 05/01/2008

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Kobylinksi et al.**	§ Group Art Unit: **2194**
Serial No.: **10/765,776**	§
	§ Examiner: **Verdi, Kimbleann C.**
Filed: **January 27, 2004**	§
	§ Attorney Docket No.: **CA920030062US1**
For: **Method for Presenting Event Flows Using Sequence Diagrams**	§ Confirmation No.: **2455**

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

35525
PATENT TRADEMARK OFFICE
CUSTOMER NUMBER

AMENDMENT

Sir:

No additional fees are believed to be necessary. If, however, any additional fees are required, I authorize the Commissioner to charge these fees to IBM Corporation Deposit Account No. 09-0447. No extension of time is believed to be necessary. If, however, an extension of time is necessary, I authorize the Commissioner to charge the necessary extension fees to IBM Corporation Deposit Account No. 09-0447.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.
Remarks/Arguments begin on page 5 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method for presenting event associations between events from one or more event flows on a display screen of a computer, comprising:

parsing at least one log file to generate the event associations and to suppress non-associated events, wherein the at least one log file comprises the events from the one or more event flows;

generating said event associations by selecting associated events from said one or more event flows in accordance with one or more predetermined parameters, wherein the predetermined parameters include time of occurrence;

constructing multiple sequence diagram representations at lower levels in a first sequence diagram representation, wherein a user drills down from the first sequence diagram representation to the lower levels, and wherein the first sequence diagram representation and the multiple sequence diagram representations show interactions arranged in a time sequence for methods, objects, classes, threads, and processes, generating event pairs between the events from the one or more event flows, and wherein said first sequence diagram representation comprises timelines for said one or more event flows and directional paths between said timelines for said event associations, and wherein the multiple sequence diagram representations comprise a level of detail between objects located on threads in the first sequence diagram representation that are collapsible, wherein the event associations [pairs] are selected according to the predetermined parameters; and

displaying said first sequence diagram representation on said display screen.

2.   (Previously Presented) The method of claim 1 further comprising providing a graphical user interface for selecting the level of detail for said first sequence diagram representation and the multiple sequence diagram representations and wherein the first sequence diagram representation and the multiple sequence diagram representations show thread, process, and machine boundaries.

3.   (Currently Amended) The method of claim 2, wherein content for said level of detail is established by a predetermined relationship model for said one or more event flows.

4.   (Canceled).

5.   (Currently Amended) The method of claim 1 [[4]] wherein the event associations are presented from multiple logs.

6.   (Previously Presented) The method of claim 1, parsing the at least one log file to generate the event associations and to suppress non-associated events further comprises;

      linking call and return message events to produce the event associations.

7.   (Previously Presented) The method of claim 1, wherein said sequence diagram is a universal modeling language ("UML") sequence diagram.

8.   (Currently Amended) A method for presenting event associations between events from one or more event flows on a display screen of a computer, comprising:

      parsing at least one log file to generate the event associations and to suppress non-associated events, wherein the at least one log file comprises the events from the one or more event flows;

      generating said event associations by selecting associated events from said one or more event flows in accordance with one or more predetermined parameters, wherein the predetermined parameters include time of occurrence;

      constructing multiple sequence diagram representations using Unified Modeling Language (UML) at lower levels in a first sequence diagram representation, wherein a user drills down from the first sequence diagram representation to the lower levels, [[and]] wherein the first sequence diagram representation and the multiple sequence diagram representations show interactions arranged in a time sequence for methods, objects, classes, threads, and processes, generating event pairs between the events from the one or more event flows, and wherein said first sequence diagram representation comprises timelines for said one or more event flows and directional paths between said timelines for said event associations, and wherein the multiple sequence diagram representations comprise a level of detail between objects located on threads in the first sequence diagram representation that are collapsible, wherein the event associations [pairs] are selected according to the predetermined parameters, and

wherein content for said level of detail is established by a predetermined relationship model for said <u>one or more</u> event flows; and

displaying said <u>first</u> sequence diagram representation on said display screen.

9.-28. (Canceled)

REMARKS

Claims 1-3 and 5-8 are pending in the present application. Claims 4 and 9-28 are canceled. Claims 1, 3, 5 and 8 are amended.
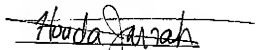
On April 30, 2008, the Examiner and the undersigned attorney conducted a telephone interview to discuss claims 1, 3, 5 and 8. The claims have been amended accordingly. Applicants authorize this Amendment to be entered by the Examiner via an Examiner's Amendment.

Applicants have agreed to the amendments discussed with the Examiner and have amended claims 1-3 and 8 and canceled claims 9-28 from further consideration in this application for facilitating expeditious prosecution of the allowable subject matter noted by the Examiner. Applicants are not conceding in this application that the canceled claims are not patentable over the art cited by the Examiner. Applicants respectfully reserve the right to pursue these and other claims, including subject matter encompassed by the claims, as presented prior to this amendment, in one or more continuations and/or divisional patent applications.

The subject application is patentable over the cited references and is now in condition for allowance. The Examiner is invited to call the undersigned at the below-listed telephone number if in the opinion of the Examiner such a telephone conference would expedite or aid the prosecution and examination of this application.

DATE: May 1, 2008

Respectfully submitted,

Houda El-Jarrah

Houda El-Jarrah
Reg. No. 60,006
Yee & Associates, P.C.
P.O. Box 802333
Dallas, TX 75380
(972) 385-8777
Attorney for Applicants